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Approved For Release 2004/02/11 : CIA-RDP78B05703A000200020023-7

NPIC/TSSG/RED-110-70

10 APR 1970

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Request for Approval of a Contract for the Modification  
of the Twin Stage On-Line PI Comparator with the  
[redacted] from  
FY-1970 R&D Funds

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1. This memorandum requests approval for the commitment of R&D funds for a contract. The specific request is stated in Paragraph 6.

2. In Fiscal Year 1969, NPIC contracted with the [redacted]  
[redacted] for the fabrication of a prototype Twin Stage On-Line PI Com-  
parator under a Fixed Price Contract in the amount of [redacted]. The  
instrument has subsequently been built, delivered to NPIC, and has now  
undergone a thorough test and evaluation.

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3. As the result of this formal engineering test and evaluation, and a limited operational evaluation by IAS and PHD personnel, it was determined that by replacing the present joystick operation with hand-wheels for fine positioning, greater pointing accuracy could be attained. The present joystick action will be retained because it is advantageous for both medium and coarse rapid movement of the film stages. Additionally, the contractor was asked to propose on a thin set of pressure platen hold down plates and a minor modification of the optical viewing system, in order to improve the precision of both the focus and the optical alignment. The technical risk involved in these modifications is minimal.

4. [redacted] was selected as a sole source for this modification because they built the subject instrument under the original contract and they are the only company qualified to perform the necessary changes. These proposed modifications have been coordinated with ESD/TSSG and with IAS. IAS will be the eventual recipient of the prototype instrument and is desirous of the changes. The modifications will be made a part of any follow-on production procurement resulting from successful operational use of the prototype.

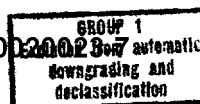
5. [redacted] will be the Project Officer for this contract. [redacted] is appropriate for this contract, the work and title will be UNCLASSIFIED.

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Declass Review  
by NIMA/DOD

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[REDACTED] from FY-1970 R&D Funds

6. It is requested that approval be granted to negotiate a contract with the [REDACTED] to perform the desired modifications to the Twin Stage On-Line PI Comparator at a cost not to exceed [REDACTED] from FY-1970 R&D funds.

[REDACTED]  
Chief, Technical Services & Support Group, NPIC

Attachments:

1. [REDACTED]
2. Form 2420

20 APR 1970

APPROVED:

ARTHUR C. LONDAHL

Date

Director

National Photographic Interpretation Center

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